Notice of Allowability	Application No.	Applicant(s)	
	09/945,369	TJONG ET AL.	
	Examiner	Art Unit	
	Joshua Joo	2154	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *10/24/06*.

NATHAN J. FLYNN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800

2. ☒ The allowed claim(s) is/are *1,3-14,32,33 and 35-44*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a) ☐ All b) ☐ Some* c) ☐ None of the:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
   (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *7*.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.

Examiner's Amendment

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

2. Authorization for this examiner's amendment was given in a telephone interview with David A. Morasch on November 16, 2006 and December 11, 2006.

3. The application has been amended as follows:

1. (currently amended) A data communication system configured to communicatively link a host device and a remote client device with a point to-point data communication link, the host device and the remote client device each configured for multipoint data communication over a distributed network, the data communication system comprising:

a ~~remote data communication interface~~ Remote Network Driver Interface Specification (NDIS) driver of the host device implemented in the remote client device, the ~~remote data communication interface~~ Remote NDIS driver configured to communicatively link with a ~~data~~ Remote NDIS communication interface of the host device via the point-to-point data communication link;

a virtual driver component configured to communicate with the ~~remote data communication interface~~ Remote NDIS driver and the remote client device; and

a virtual network configured to communicatively link the ~~remote data communication interface~~ Remote NDIS driver and the virtual driver component in the remote client device.

2. (canceled)

3. (currently amended) A data communication system as recited in claim 1, wherein ~~the remote data communication interface driver is a Remote Network Driver Interface Specification (NDIS) driver and the data~~ Remote NDIS communication interface is ~~a Remote NDIS component~~ configured to communicate Remote NDIS messages with the Remote NDIS driver via the point-to-point data communication link.

5. (currently amended) A data communication system as recited in claim 1, wherein the ~~remote data communication interface driver is a Remote Network Driver Interface Specification (NDIS)~~ Remote NDIS driver is further configured to communicate with the virtual driver component via the virtual network.

6. (currently amended) A data communication system as recited in claim 1, wherein the ~~remote data communication interface driver is a Remote Network Driver Interface Specification (NDIS)~~ Remote NDIS driver is further configured to communicate Remote NDIS messages with the virtual driver component via the virtual network.

7. (currently amended) A data communication system as recited in claim 1, wherein the ~~remote data communication interface driver is a Remote Network Driver Interface Specification (NDIS) driver and the data communication interface is a~~ Remote NDIS communication interface ~~component~~ is further configured to communicate with the Remote NDIS driver via the point-to-point data communication link, and the Remote NDIS driver is further configured to communicate with the virtual driver component via the virtual network.

8. (currently amended) A data communication system as recited in claim 1, wherein the ~~remote data communication interface driver is a Remote Network Driver Interface Specification (NDIS) driver and the data communication interface is a~~ Remote NDIS communication interface ~~component~~ is further configured to communicate Remote NDIS messages with the Remote NDIS driver via the point-to-point data communication link, and the Remote NDIS driver is further configured to communicate the Remote NDIS messages with the virtual driver component via the virtual network.

32. (currently amended) A method for implementing a point to point data communication link between computing devices, the method comprising:

implementing a ~~remote network communication component~~ Remote Network Driver Interface Specification (NDIS) driver of a host computing device in a remote client computing device, the ~~remote network communication component~~ Remote NDIS driver designed for data communication over a distributed network and configured to communicatively link with a Remote NDIS component of the host computing device via the point-to-point data communication link;

implementing a connection interface to couple the ~~remote network communication component~~ Remote NDIS driver with the host computing device; and

implementing a virtual network to communicatively link the ~~remote network communication component~~ Remote NDIS driver and a virtual driver component of the remote client computing device.

33. (currently amended) A method as recited in claim 32, wherein implementing the ~~remote network communication component~~ Remote NDIS driver includes implementing a data communication interface driver to communicatively link with a data communication interface of the host computing device via the point-to-point data communication link.

34. (canceled)

35. (currently amended) A method as recited in claim 32, wherein implementing the ~~remote network communication component~~ Remote NDIS driver includes implementing ~~a Remote Network Driver Interface Specification (NDIS)~~ the Remote NDIS driver to communicate Remote NDIS messages with [[a]] the Remote NDIS component of the host computing device via the point-to-point data communication link.

43. (currently amended) A method as recited in claim 32, wherein ~~implementing the remote network communication component includes implementing a Remote Network Driver Interface Specification (NDIS) driver, and wherein~~ implementing the virtual network includes providing a virtual local area network to communicate Remote NDIS messages between the Remote NDIS driver and the virtual driver component.

44. (currently amended) A method as recited in claim 32, wherein implementing the ~~remote network communication component~~ Remote NDIS driver includes implementing ~~a Remote Network Driver Interface Specification (NDIS)~~ the Remote NDIS driver to communicate Remote NDIS messages with [[a]] the Remote NDIS component of the host computing device via the point-to-point data communication link, and wherein implementing the virtual network includes implementing a virtual local area network to communicate the Remote NDIS messages between the Remote NDIS driver and the virtual driver component.

Notice of Allowance

4. The following is an examiner's statement of reasons for allowance:

None of the prior arts of record teaches or fairly suggests all of the limitation recited in the claims, a remote data communication interface Remote Network Driver Interface Specification (NDIS) driver of the host device implemented in the remote client device, the remote data communication interface Remote NDIS driver configured to communicatively link with a data Remote NDIS communication interface of the host device via the point-to-point data communication link; a virtual driver component configured to communicate with the remote data communication interface Remote NDIS driver and the remote client device; and a virtual network configured to communicatively link the remote data communication interface Remote NDIS driver and the virtual driver component in the remote client device.

Also in a telephonic interview on December 13, 2006 with Applicant David A. Morasch, Applicant agreed to submit a Terminal Disclaimer for the instant application on the pending US Patent Application #11/027125 after receiving Examiner's Amendment

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joshua Joo who telephone number is 571 272-3966

December 12, 2006
JJ